



## WHAT IS CLAIMED IS:

1	0.5 A digital message from a transport stream generator to a terminal,
2	the digital message comprising:
3	a list of demand-cast streams that are available in a transport stream being
4	transmitted from the transport stream generator
1	2. The digital message of claim 1, further comprising:
2	a digital address for the transport stream generator; and
3	an identifier for a multiplexer channel within the transport stream
4	generator.
1	3. The digital message of claim 1, wherein the digital message
2	comprises a table that is communicated in a private section of a transport stream.
1	4. The digital message of claim 3, further comprising a table version
2	number which is incremented when the digital message changes.
1	5. A method for communicating from a transport stream generator to
2	a terminal, the method comprising:
3	sending to the terminal a list of demand-cast streams that are available in a
4	transport stream being transmitted from the transport stream generator.
1	6. A method for communicating from a terminal to a session
2	manager, the method comprising:
3	sending to the session manager an acquisition message when the terminal
4	acquires a demand-cast stream that is available;
5	sending to the session manager a release message when the terminal
6	releases the demand-cast stream; and
7	sending to the session manager a request message when the terminal needs
8	to acquire a demand-cast stream that is unavailable.
1	7. A method for two-way communications between a session manager
2	and a transport stream generator, the method comprising:
3	sending to the transport stream generator a stream released message when
4	there are no longer any terminals acquiring a demand-cast stream; and

5	sending to the transport stream generator a stream requested message when
6	a terminal requests a demand-cast stream that is not currently provided by the transport
7	stream generator.
1	8. The method of claim 7, further comprising:
2	sending a stream released acknowledgement message from the transport
3	stream generator to the session manager in response to receiving the stream release
4	message; and
5	sending a stream requested acknowledgement message from the transport
6	stream generator to the session manager in response to receiving the stream requested
7	message.